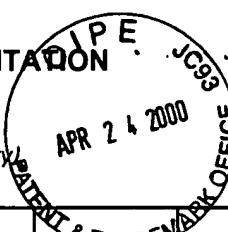


INFORMATION DISCLOSURE CITATION IN AN APPLICATION								Docket Number (Optional) ST999037	Application Number 09/399,694			
(Use several sheets if necessary)								Applicant Cesare, et al.				
APR 24 2000								Filing Date 9/21/99	Group A 2771			
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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	GROUP SUBCLASS	FILING DATE APPROPRIATE
77	4	8	7	6	7	3	3	10/24/89	Lavin	1		
N	5	1	9	6	9	2	4	3/23/93	Lumelsky et al.	1		
N	5	2	8	2	1	4	7	1/25/94	Goetz et al.	1		
N	5	2	9	9	3	0	4	3/29/94	Williams et al.	1		
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N	5	5	4	8	7	5	4	8/20/96	Pirahesh et al.	1		
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N	5	5	6	0	0	0	5	9/24/96	Hoover et al.	1		
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JP	7	2	4	4	6	0	3	9/19/95	Japan							X
JP	8	2	4	1	3	3	0	9/17/96	Japan							X
JP	9	1	7	9	8	8	2	7/11/97	Japan							X
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N	IBM Technical Disclosure Bulletin, Efficient Logging of Transactions on Persistent Information in General and Data bases in Particular, Vol 40, No. 11, November 1997 (c) 1997; PP. 117-120
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